

## BUFFER AMPLIFIERS, CLAMP AMPS, PHOTODIODE PREAMP

MODEL NUMBER	CLOSED LOOP	GAIN BW	FULL POWER	GAIN FLAT	SLEW RATE	RISE TIME	SETTLING TIME		DIFF GAIN	DIFF PHASE	OPEN LOOP	CMR	INITIAL OFFSET	INITIAL BIAS	VOLTAGE NOISE	CURRENT NOISE	Vss	Iout	Isc	Iq					PRICE		
	GAIN MHz	BW	NESS				0.10%	0.01%	ERROR	ERROR	GAIN		Eos	Ib	@ 10 KHZ	@ 1 KHZ					Model Designator		Temperature Range	100'S			
MIN	MIN	MHZ	.1dB	V/uSEC	NSEC	NSEC	NSEC	%	°	V/mV	dB	mV	uA	nV/ HZ	pA/ HZ	Volts	mA	mA	mA	0	-25	-40	-55	70	85	85	125
<b>BUFFERS</b>																											
<b>SINGLES</b>																											
<b>+/-15V Rails</b>																											
BUF04	1	110	NS		2000	NS	60		0.02	0.014	NA	NA	1		5	4	2	±15	50	85	8.5						\$3.90
<b>+/-5V Rails</b>																											
AD9620	0.983	400	NS	800	1.3/5.4	8	13		0.015	0.025	N/A		8		25	32uV	NS	±5	40	NS	26		A	S		\$19.00	
AD9630	0.989	600	NS	1500	1.2/1.5	8	16				N/A		8		35		NS		50	NS	48		A	S		\$7.50	
<b>DUALS</b>																											
<b>AD8079 , THD= -65dB @ 5MHZ</b>																											
AD8079A	2	250	NS	50	750	2.5	40		0.01	0.02	NA	NA	15	20	6	2	2	±5	70	110	11.5		A			\$4.12	
AD8079B	2.2	250	NS	50	750	2.5	40		0.01	0.02	NA	NA	15	20	6	2	2		70	110	11.5		B			\$4.12	
<b>CLAMP AMPLIFIERS, USE ONLY IN NON-INVERTING APPLICATIONS</b>																											
AD8036	±1	150	160	1dB@13C	900	1.4typ	10typ	16typ	0.09	0.04	48dB	66dB	7	11	60	6.7	2.2	±5	70	240	20		A			\$4.85	
AD8037	-1, +2	200	160	1dB@13C	1100	1.typ	10typ	16typ	0.04	0.04	54dB	70dB	7	10	70	4.5	2.1		70	240	20		A			\$4.85	
<b>PHOTODIODE PRE-AMP</b>																											
<b>AD8015, Fiber Optic Pre-Amp, Differential Output, Rf=10,000 OHMS</b>																											
AD8015	+5		180			1.5	3 to 3%						8K	NAA	NA	NA	NS		26.na rms, DC>200M HZ	+5V	20		26		A		\$5.15